2 — Parts Lists and Component Layouts

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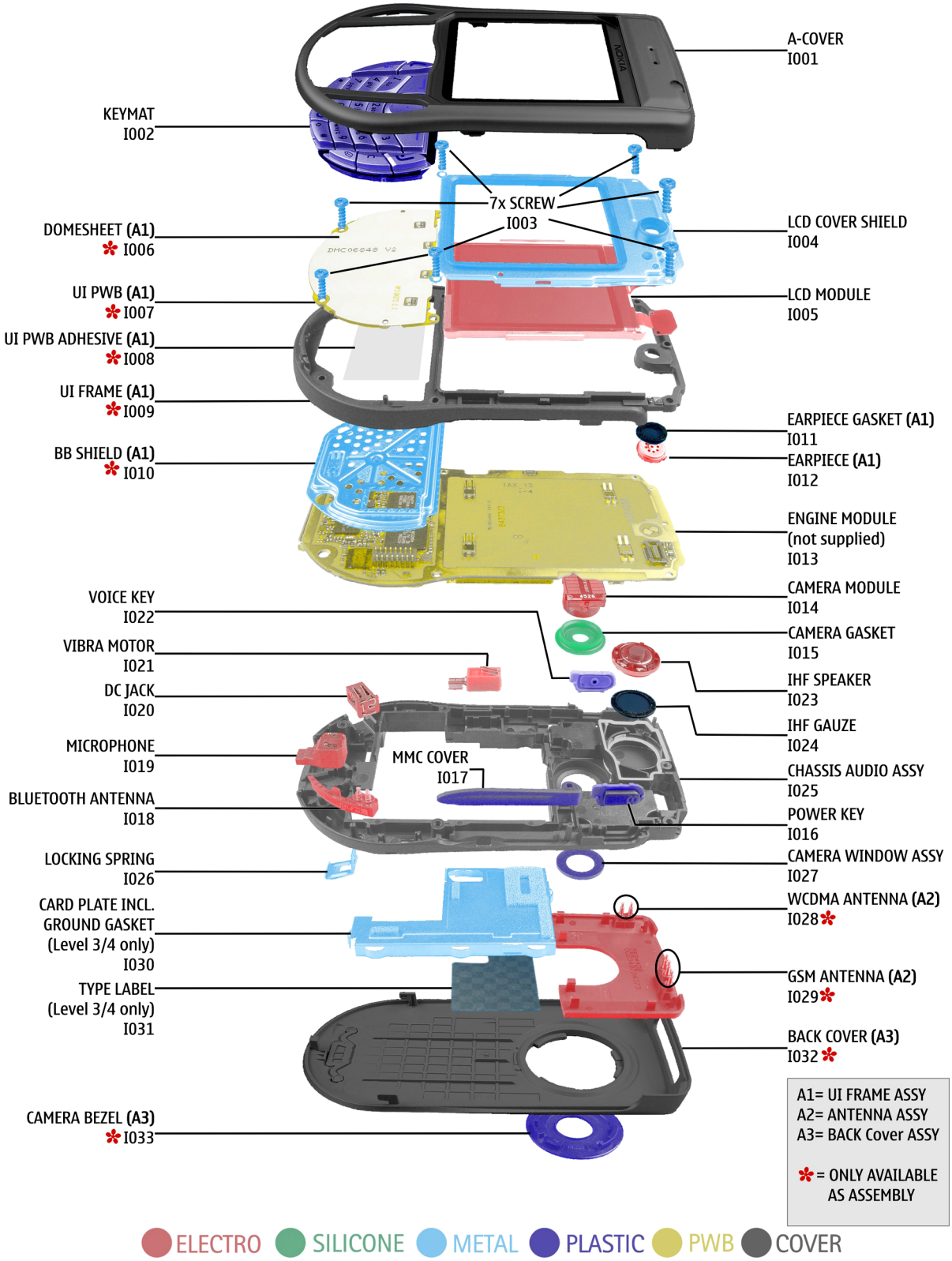
Exploded view

RM-1 exploded view



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Parts lists

Mechanical spare parts list

"XXXXXXX" = VARIANTS

"-" = NOT AVAILABLE

ITEM/ CIRCUIT REF.	QTY	PART NO	PART NAME
I001	1	XXXXXXX	A-COVER
I002	1	XXXXXXX	KEYMAT
I003	7	6380135	SCREW 1,8X9
I004	1	9467140	LCD COVER SHIELD
I005	1	4850851	LCD MODULE
	1	9467138	UI FRAME ASSY (I006-I012)
I006	1	-	DOMESHEET
I007	1	-	UI PWB
I008	1	-	UI PWB ADHESIVE
I009	1	-	UI FRAME
I010	1	-	BB SHIELD
I011	1	9481235	EARPIECE GASKET
I012	1	5140251	EARPIECE
I013	1	-	ENGINE MODULE
I014	1	4858047	CAMERA MODULE
I015	1	9481229	CAMERA GASKET
I016	1	9791399	POWER KEY
I017	1	9460636	MMC COVER
I018	1	5650139	BLUETOOTH ANTENNA
I019	1	5140265	MICROPHONE
I020	1	5400243	DC JACK
I021	1	6800057	VIBRA MOTOR
I022	1	9460635	VOICE KEY
I023	1	5140253	IHF SPEAKER
I024	1	9481228	IHF GAUZE
I025	1	9491967	CHASSIS AUDIO ASSY
I026	1	9511330	LOCKING SPRING

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ITEM/ CIRCUIT REF.	QTY	PART NO	PART NAME
I027	1	9459974	CAMERA WINDOW ASSY
	1	5650137	ANTENNA ASSY
I028	1	-	WCDMA ANTENNA
I029	1	-	GSM ANTENNA
I030	1	0263700	CARD PLATE INCL. GROUND GASKET
I031	1	9372126	TYPE LABEL
	1	XXXXXXX	BACK COVER ASSY
I032	1	-	BACK COVER
I033	1	-	CAMERA BEZEL

Variant parts

Keypad variants

Item Name	Code
Keypad Assy Painted	9791411
Keypad Assy Painted (Voda)	9797252
Keypad Assy Painted (T-Mobile)	9797449

Language variants

Item Name	Code
Keypad Assy, Latin	9791412
Keypad Assy, Arabic	9797423
Keypad Assy, Bopo	9797424
Keypad Assy, Greek	9797428
Keypad Assy, Hebrew	9797429
Keypad Assy, Japanese	9797425
Keypad Assy, Russian	9797430
Keypad Assy, Stroke	9797426
Keypad Assy, Thai	9797427

Operator variants

Item name	Code
Keypad Assy, Latin Vodafone	9797234
Keypad Assy, Japanese Vodafone	9797318

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Item name	Code
Keypad Assy, Latin T-Mobile	9797448

RM-1 component parts list (11ax_11a)

Item	Code	Side	Ref		Type	Description	Value
A3000	9511274	BTM	D	3	SHIELD_DMC07004	FLASH CAN DMC07004 RM-1	~
A6000	9511273	BTM	G	3	SHIELD_DMC07003	BT CAN DMC07003 RM-1	~
A7000	9511276	BTM	L	6	SHIELD_DMC07006	RF ENGINE CAN DMC07006 RM-1	~
A7001	9511277	BTM	O	9	SHIELD_DMC07007	WDCMA PA CAN DMC07007 RM-1	~
A7002	9511275	BTM	R	3	SHIELD_DMC07005	GSM PA CAN DMC07005 RM-1	~
A7003	9511278	BTM	M	9	SHIELD_DMD11427	VCO CAN DMD11427 RM-1	~
B2200	4530029	Top	C	4	CRYSTAL_3.3X1.6	CRYSTAL 32.768KHZ 12.5PF+-20PPM	32.768kHz
C1470	2320481	BTM	R	6	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C1471	2320481	BTM	O	6	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C1472	2320481	BTM	D	6	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C1473	2320481	BTM	D	5	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C2000	2320546	BTM	B	9	0402C	CHIPCAP NP0 27P J 50V 0402	27p0
C2002	2316001	BTM	D	5	0603C	CHIPCAP X5R 2U2 K 6V3 0603	2u2
C2003	2321007	Top	B	5	0402C	CERCAP X7R 22N K 16V 0402	22n
C2004	2321007	Top	B	5	0402C	CERCAP X7R 22N K 16V 0402	22n
C2005	2320778	Top	B	5	0402C	Chipcap X7R 10% 16V 0402	10n
C2006	2320778	Top	B	5	0402C	Chipcap X7R 10% 16V 0402	10n

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Item	Code	Side	Ref		Type	Description	Value
C2007	2320778	BTM	B	4	0402C	Chipcap X7R 10% 16V 0402	10n
C2008	2320778	BTM	A	4	0402C	Chipcap X7R 10% 16V 0402	10n
C2009	2320778	BTM	C	4	0402C	Chipcap X7R 10% 16V 0402	10n
C2010	2320778	BTM	B	3	0402C	Chipcap X7R 10% 16V 0402	10n
C2011	2321013	BTM	D	6	0402C	CHIPCAP NP0 270P J 25V 0402	270p
C2012	2351029	BTM	B	9	0603C	CHIPCAP X5R 1U K 25V 0603	1u0
C2070	2611807	BTM	H	3	TANT_6.3X3 .5_H2.0	CHIPTCAP 100U M 14V 6X3.2X2	100u_14V
C2100	2320787	Top	B	5	0402C	CHIPCAP X7R 15N K 16V 0402	15n
C2101	2320787	Top	B	5	0402C	CHIPCAP X7R 15N K 16V 0402	15n
C2102	2316001	Top	B	5	0603C	CHIPCAP X5R 2U2 K 6V3 0603	2u2
C2103	2320584	Top	B	4	0402C	Chipcap 5% X7R	1n0
C2104	2320584	Top	B	4	0402C	Chipcap 5% X7R	1n0
C2105	2320744	Top	B	6	0402C	Chipcap X7R 10% 50V 0402	1n0
C2106	2320744	Top	B	6	0402C	Chipcap X7R 10% 50V 0402	1n0
C2107	2320744	Top	B	6	0402C	Chipcap X7R 10% 50V 0402	1n0
C2108	2320744	Top	B	8	0402C	Chipcap X7R 10% 50V 0402	1n0
C2109	2320744	Top	B	8	0402C	Chipcap X7R 10% 50V 0402	1n0
C2110	2320744	Top	B	8	0402C	Chipcap X7R 10% 50V 0402	1n0
C2200	2320481	Top	B	5	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C2201	2320481	Top	D	4	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C2202	2320744	Top	C	4	0402C	Chipcap X7R 10% 50V 0402	1n0

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Item	Code	Side	Ref		Type	Description	Value
C2203	2320744	Top	C	4	0402C	Chipcap X7R 10% 50V 0402	1n0
C2204	2320744	Top	B	4	0402C	Chipcap X7R 10% 50V 0402	1n0
C2205	2320744	Top	B	4	0402C	Chipcap X7R 10% 50V 0402	1n0
C2206	2320744	Top	B	4	0402C	Chipcap X7R 10% 50V 0402	1n0
C2207	2320744	Top	D	4	0402C	Chipcap X7R 10% 50V 0402	1n0
C2208	2320546	Top	C	4	0402C	CHIPCAP NP0 27P J 50V 0402	27p0
C2209	2320544	Top	C	4	0402C	Chipcap 5% NP0	22p
C2210	2320125	Top	D	6	0603C	CHIPCAP X5R 1U K 16V 0603	1u0
C2211	2312249	Top	C	7	0805C	CHIPCAP X5R 4U7 K 10V 0805	4u7
C2212	2320481	Top	C	6	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C2213	2320481	Top	E	4	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C2214	2320481	Top	D	5	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C2215	2320481	Top	D	5	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C2216	2320481	Top	D	5	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C2217	2320481	Top	E	4	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C2219	2320481	Top	D	4	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C2220	2320481	Top	D	6	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C2221	2320481	Top	D	6	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C2222	2320481	Top	D	6	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C2223	2320778	Top	C	4	0402C	Chipcap X7R 10% 16V 0402	10n
C2224	2320778	Top	D	5	0402C	Chipcap X7R 10% 16V 0402	10n

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Item	Code	Side	Ref		Type	Description	Value
C2225	2320481	Top	D	4	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C2226	2320481	Top	C	6	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C2227	2320481	Top	D	6	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C2228	2320481	Top	E	5	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C2230	2320481	Top	E	5	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C2231	2310037	Top	B	6	0805C	CHIPCAP X5R 10U M 6V3 0805	10U
C2232	2320481	Top	D	6	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C2233	2320481	BTM	D	11	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C2234	2320546	Top	C	4	0402C	CHIPCAP NP0 27P J 50V 0402	27p0
C2235	2320744	Top	C	3	0402C	Chipcap X7R 10% 50V 0402	1n0
C2237	2320481	Top	E	5	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C2240	2320538	Top	E	9	0402C	Chipcap 5% NP0	12p
C2241	2320538	Top	D	4	0402C	Chipcap 5% NP0	12p
C2242	2320538	Top	E	8	0402C	Chipcap 5% NP0	12p
C2243	2320538	Top	F	6	0402C	Chipcap 5% NP0	12p
C2244	2320538	Top	F	11	0402C	Chipcap 5% NP0	12p
C2300	2320778	Top	C	9	0402C	Chipcap X7R 10% 16V 0402	10n
C2301	2351037	Top	C	8	0805C	CHIPCAP X5R 22U M 6V3 0805	22u
C2302	2351037	Top	B	7	0805C	CHIPCAP X5R 22U M 6V3 0805	22u
C2303	2320481	Top	E	8	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C2304	2320778	Top	C	8	0402C	Chipcap X7R 10% 16V 0402	10n
C2306	2320481	Top	D	9	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0

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Item	Code	Side	Ref		Type	Description	Value
C2307	2320481	Top	C	9	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C2309	2351037	Top	B	8	0805C	CHIPCAP X5R 22U M 6V3 0805	22u
C2312	2320481	Top	D	9	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C2313	2320481	Top	D	9	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C2314	2351015	Top	D	10	0805C	CHIPCAP X5R 4U7 K 25V 0805	4u7
C2315	2351015	Top	C	10	0805C	CHIPCAP X5R 4U7 K 25V 0805	4u7
C2316	2320744	Top	C	8	0402C	Chipcap X7R 10% 50V 0402	1n0
C2700	2351017	BTM	G	11	0402C	CHIPCAP X5R 100N M 16V 0402	100n
C2800	2351017	BTM	F	4	0402C	CHIPCAP X5R 100N M 16V 0402	100n
C2801	2351017	Top	H	4	0402C	CHIPCAP X5R 100N M 16V 0402	100n
C2802	2351017	Top	F	3	0402C	CHIPCAP X5R 100N M 16V 0402	100n
C2803	2351017	Top	E	5	0402C	CHIPCAP X5R 100N M 16V 0402	100n
C2804	2351017	Top	E	3	0402C	CHIPCAP X5R 100N M 16V 0402	100n
C2805	2351017	Top	G	6	0402C	CHIPCAP X5R 100N M 16V 0402	100n
C2806	2351017	Top	H	4	0402C	CHIPCAP X5R 100N M 16V 0402	100n
C2807	2320481	Top	H	3	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C2808	2351017	Top	H	4	0402C	CHIPCAP X5R 100N M 16V 0402	100n

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Item	Code	Side	Ref		Type	Description	Value
C2809	2351017	BTM	G	4	0402C	CHIPCAP X5R 100N M 16V 0402	100n
C2810	2351017	Top	G	6	0402C	CHIPCAP X5R 100N M 16V 0402	100n
C2811	2351017	Top	H	5	0402C	CHIPCAP X5R 100N M 16V 0402	100n
C2812	2351017	Top	E	5	0402C	CHIPCAP X5R 100N M 16V 0402	100n
C2813	2351017	Top	E	4	0402C	CHIPCAP X5R 100N M 16V 0402	100n
C2814	2351017	Top	F	3	0402C	CHIPCAP X5R 100N M 16V 0402	100n
C3000	2351017	Top	C	3	0402C	CHIPCAP X5R 100N M 16V 0402	100n
C3001	2351017	Top	D	4	0402C	CHIPCAP X5R 100N M 16V 0402	100n
C3002	2351017	Top	C	3	0402C	CHIPCAP X5R 100N M 16V 0402	100n
C3003	2320778	Top	D	4	0402C	Chipcap X7R 10% 16V 0402	10n
C3004	2351017	Top	E	1	0402C	CHIPCAP X5R 100N M 16V 0402	100n
C3005	2351017	Top	E	3	0402C	CHIPCAP X5R 100N M 16V 0402	100n
C3006	2351017	Top	E	4	0402C	CHIPCAP X5R 100N M 16V 0402	100n
C3007	2320778	Top	C	3	0402C	Chipcap X7R 10% 16V 0402	10n
C3008	2351017	Top	D	4	0402C	CHIPCAP X5R 100N M 16V 0402	100n

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Item	Code	Side	Ref		Type	Description	Value
C4200	2351037	Top	C	7	0805C	CHIPCAP X5R 22U M 6V3 0805	22u
C4201	2351037	Top	C	7	0805C	CHIPCAP X5R 22U M 6V3 0805	22u
C4202	2320778	Top	D	8	0402C	Chipcap X7R 10% 16V 0402	10n
C4400	2320481	BTM	O	7	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C4401	2320481	BTM	R	5	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C4402	2320546	BTM	Q	10	0402C	CHIPCAP NP0 27P J 50V 0402	27p0
C4800	2351017	Top	F	9	0402C	CHIPCAP X5R 100N M 16V 0402	100n
C4801	2320481	Top	E	7	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C4802	2351017	Top	E	8	0402C	CHIPCAP X5R 100N M 16V 0402	100n
C4803	2351017	Top	E	6	0402C	CHIPCAP X5R 100N M 16V 0402	100n
C4804	2351017	Top	G	9	0402C	CHIPCAP X5R 100N M 16V 0402	100n
C4805	2351017	Top	H	7	0402C	CHIPCAP X5R 100N M 16V 0402	100n
C4806	2351017	Top	H	6	0402C	CHIPCAP X5R 100N M 16V 0402	100n
C4807	2351017	Top	E	8	0402C	CHIPCAP X5R 100N M 16V 0402	100n
C4808	2351017	Top	E	8	0402C	CHIPCAP X5R 100N M 16V 0402	100n
C4809	2351017	Top	H	7	0402C	CHIPCAP X5R 100N M 16V 0402	100n

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Item	Code	Side	Ref		Type	Description	Value
C4810	2351017	Top	G	9	0402C	CHIPCAP X5R 100N M 16V 0402	100n
C4811	2351017	Top	F	6	0402C	CHIPCAP X5R 100N M 16V 0402	100n
C4812	2351017	Top	E	7	0402C	CHIPCAP X5R 100N M 16V 0402	100n
C4813	2320744	Top	E	6	0402C	Chipcap X7R 10% 50V 0402	1n0
C5000	2351017	Top	F	11	0402C	CHIPCAP X5R 100N M 16V 0402	100n
C5001	2351017	Top	E	9	0402C	CHIPCAP X5R 100N M 16V 0402	100n
C5002	2351017	Top	G	11	0402C	CHIPCAP X5R 100N M 16V 0402	100n
C5003	2351017	Top	F	9	0402C	CHIPCAP X5R 100N M 16V 0402	100n
C5004	2351017	Top	E	11	0402C	CHIPCAP X5R 100N M 16V 0402	100n
C5005	2351017	Top	E	9	0402C	CHIPCAP X5R 100N M 16V 0402	100n
C5006	2320481	Top	F	11	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C5200	2320481	BTM	H	2	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C6031	2320778	BTM	F	3	0402C	Chipcap X7R 10% 16V 0402	10n
C6033	2320778	BTM	F	3	0402C	Chipcap X7R 10% 16V 0402	10n
C6035	2320778	BTM	G	2	0402C	Chipcap X7R 10% 16V 0402	10n
C6036	2320481	BTM	G	4	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C6042	2320481	BTM	G	3	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0

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Item	Code	Side	Ref		Type	Description	Value
C6043	2320778	BTM	F	3	0402C	Chipcap X7R 10% 16V 0402	10n
C6044	2320540	BTM	F	2	0402C	Chipcap 5% NP0	15p
C6045	2320540	BTM	G	2	0402C	Chipcap 5% NP0	15p
C6046	2320508	BTM	G	1	0402C	Chipcap +-0.25pF NP0	1p0
C6047	2316001	BTM	G	2	0603C	CHIPCAP X5R 2U2 K 6V3 0603	2u2
C6048	2320530	BTM	F	2	0402C	Chipcap +-0.25pF NP0	5p6
C7501	2320604	BTM	N	7	0402C	Chipcap 5% NP0	18p
C7503	2320481	BTM	M	7	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C7504	2320481	BTM	M	7	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C7505	2351017	BTM	L	7	0402C	CHIPCAP X5R 100N M 16V 0402	100n
C7507	2320604	BTM	M	6	0402C	Chipcap 5% NP0	18p
C7508	2320604	BTM	M	6	0402C	Chipcap 5% NP0	18p
C7509	2320522	BTM	M	6	0402C	Chipcap +-0.25pF NP0	2p7
C7512	2320522	BTM	S	4	0402C	Chipcap +-0.25pF NP0	2p7
C7513	2320760	BTM	L	6	0402C	Chipcap X7R 10% 25V 0402	4n7
C7514	2320522	BTM	S	4	0402C	Chipcap +-0.25pF NP0	2p7
C7515	2320536	BTM	K	7	0402C	Chipcap 5% NP0	10p
C7516	2320564	BTM	K	6	0402C	Chipcap 5% NP0	150p
C7518	2351017	BTM	N	7	0402C	CHIPCAP X5R 100N M 16V 0402	100n
C7520	2320604	BTM	N	7	0402C	Chipcap 5% NP0	18p
C7522	2320564	BTM	L	6	0402C	Chipcap 5% NP0	150p
C7523	2320530	BTM	R	4	0402C	Chipcap +-0.25pF NP0	5p6
C7524	2322015	BTM	K	5	0603C	CHIPCAP NP0 2N2 G 16V 0603	2n2

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Item	Code	Side	Ref		Type	Description	Value
C7525	2320530	BTM	R	4	0402C	Chipcap +-0.25pF NP0	5p6
C7527	2320560	BTM	M	6	0402C	Chipcap 5% NP0	100p
C7528	2320544	BTM	M	6	0402C	Chipcap 5% NP0	22p
C7529	2320560	BTM	L	7	0402C	Chipcap 5% NP0	100p
C7530	2320766	BTM	L	7	0402C	Chipcap X7R 10% 16V 0402	8n2
C7531	2320544	BTM	M	6	0402C	Chipcap 5% NP0	22p
C7532	2320766	BTM	L	7	0402C	Chipcap X7R 10% 16V 0402	8n2
C7533	2320620	BTM	K	7	0402C	Chipcap X7R 5% 16V 0402	10n
C7534	2320766	BTM	M	7	0402C	Chipcap X7R 10% 16V 0402	8n2
C7535	2320584	BTM	L	6	0402C	Chipcap 5% X7R	1n0
C7536	2320766	BTM	M	7	0402C	Chipcap X7R 10% 16V 0402	8n2
C7541	2320481	BTM	K	7	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C7543	2320481	BTM	K	7	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C7545	2320602	BTM	Q	2	0402C	Chipcap +-0.25pF NP0	4p7
C7547	2320518	BTM	J	7	0402C	Chipcap +-0.25pF NP0	1p8
C7548	2320481	BTM	J	7	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C7549	2320560	BTM	K	6	0402C	Chipcap 5% NP0	100p
C7550	2320522	BTM	I	7	0402C	Chipcap +-0.25pF NP0	2p7
C7552	2320522	BTM	I	7	0402C	Chipcap +-0.25pF NP0	2p7
C7553	2320766	BTM	I	7	0402C	Chipcap X7R 10% 16V 0402	8n2
C7554	2320602	BTM	M	10	0402C	Chipcap +-0.25pF NP0	4p7
C7555	2320635	BTM	M	10	0402C	CHIPCAP NP0 0P5 C 50 0402	0p5
C7556	2320536	BTM	Q	4	0402C	Chipcap 5% NP0	10p

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Item	Code	Side	Ref		Type	Description	Value
C7558	2320744	BTM	J	6	0402C	Chipcap X7R 10% 50V 0402	1n0
C7559	2320508	BTM	R	2	0402C	Chipcap +-0.25pF NP0	1p0
C7560	2320760	BTM	I	7	0402C	Chipcap X7R 10% 25V 0402	4n7
C7561	2320602	BTM	Q	4	0402C	Chipcap +-0.25pF NP0	4p7
C7563	2320602	BTM	Q	4	0402C	Chipcap +-0.25pF NP0	4p7
C7564	2320584	BTM	R	3	0402C	Chipcap 5% X7R	1n0
C7567	2320540	BTM	J	6	0402C	Chipcap 5% NP0	15p
C7568	2320564	BTM	I	7	0402C	Chipcap 5% NP0	150p
C7569	2320505	BTM	R	4	0603C	CHIPCAP X5R 4U7 K 6V3 0603	4u7
C7570	2320604	BTM	I	6	0402C	Chipcap 5% NP0	18p
C7571	2321015	BTM	L	10	0402C	CHIPCAP NP0 330P J 50V 0402	330p
C7573	2322015	BTM	I	7	0603C	CHIPCAP NP0 2N2 G 16V 0603	2n2
C7575	2320540	BTM	I	6	0402C	Chipcap 5% NP0	15p
C7577	2320540	BTM	I	6	0402C	Chipcap 5% NP0	15p
C7579	2320536	BTM	N	11	0402C	Chipcap 5% NP0	10p
C7580	2320481	BTM	O	10	0603C	CHIPCAP X5R 1U K 6V3 0603	1u0
C7581	2320530	BTM	S	4	0402C	Chipcap +-0.25pF NP0	5p6
C7582	2320560	BTM	I	7	0402C	Chipcap 5% NP0	100p
C7583	2320505	BTM	N	8	0603C	CHIPCAP X5R 4U7 K 6V3 0603	4u7
C7584	2320530	BTM	S	4	0402C	Chipcap +-0.25pF NP0	5p6
C7585	2320629	BTM	O	10	0402C	CHIPCAP NP0 1P0 B 50V 0402	1p0
C7586	2320536	BTM	P	9	0402C	Chipcap 5% NP0	10p
C7587	2320536	BTM	P	9	0402C	Chipcap 5% NP0	10p
C7589	2320505	BTM	O	8	0603C	CHIPCAP X5R 4U7 K 6V3 0603	4u7
C7590	2320536	BTM	O	9	0402C	Chipcap 5% NP0	10p

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Item	Code	Side	Ref		Type	Description	Value
C7591	2314001	BTM	N	9	0402C	CHIPCAP NP0 470P J 6V3 0402	470p
C7592	2320596	BTM	N	9	0402C	Chipcap 5% X7R	3n3
C7593	2320505	BTM	Q	4	0603C	CHIPCAP X5R 4U7 K 6V3 0603	4u7
C7596	2320522	BTM	N	6	0402C	Chipcap +-0.25pF NP0	2p7
C7597	2611807	BTM	O	4	TANT_6.3X3 .5_H2.0	CHIPTCAP 100U M 14V 6X3.2X2	100u_14V
C7598	2320621	BTM	K	7	0402C	CHIPCAP NP0 0P5 C 50V 0402	0p5
D2800	4377061	Top	G	4	uBGA_289	RAP3G V2.1E-PA UMC8D F761800B 027 U*BGA	~
D3000	4347113	BTM	D	3	PBFREEBGA 40_64MB_5 4MHZ_MAX	FLASH 4MX16 1.8/1.8V FBGA44	4Mx16
D3001	4347211	Top	D	2	WBGA_60_8 .1X6.6_H0.9	SDRAM 4MX16 1.8V/1.8V WBGA60 PBFREE	4Mx16
D4800	4377049	Top	F	7	uBGA_289	HELEN3 PS1.1E F761991A C027 UBGA289	~
D5000	4347271	Top	F	10	FBGA121_H 1.1	COMBO 256M DDR+ 256M NAND FBGA121 PBFREE	256M_DDR/ 256M_NAND
F2000	5119039	BTM	A	9	0603_FUSE_ AVX2MATS	SM FUSE F 2.0A 32V	2A
G2200	4700141	BTM	F	11	BATTER_RB 414H	CELL CAPACITOR 0.01MAH 3V3	3V3
G7500	4520061	BTM	K	6	VCO_FDK_IT _H1.7	VCO 3610-4340MHZ 2.7V 13MA	3610-4340MHz
G7501	4520067	BTM	L	7	NKG3176B	VCTCXO 38.4MHZ 1.5PPM -30deg	38.4MHz
G7502	4520065	BTM	M	9	VCO_FDK_IT _H1.7	VCO 3420-3960MHZ 2.7V 14MA	3420-3960MHz
L1470	3203755	BTM	R	7	FERRITE_04 02	FERRITE BEAD 0.6R 600R/ 100MHZ 0402	600R/100MHz

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Item	Code	Side	Ref		Type	Description	Value
L2000	3203771	BTM	B	8	0603_BLM	FERR.BEAD 220R/100M 2A 0R05 0603	220R/100MHz
L2001	3203801	Top	B	6	0405_2_MATSU	CHIP BEAD ARRAY 2X1000R 0405	2x1000R/100MHz
L2002	3203801	BTM	B	4	0405_2_MATSU	CHIP BEAD ARRAY 2X1000R 0405	2x1000R/100MHz
L2003	3203801	BTM	B	4	0405_2_MATSU	CHIP BEAD ARRAY 2X1000R 0405	2x1000R/100MHz
L2100	3203801	Top	U	3	0405_2_MATSU	CHIP BEAD ARRAY 2X1000R 0405	2x1000R/100MHz
L2101	3203771	Top	B	6	0603_BLM	FERR.BEAD 220R/100M 2A 0R05 0603	220R/100MHz
L2102	3645201	BTM	S	5	COIL_0603CS	CHIP COIL 56N J Q38/200MHZ 0603	56nH
L2103	3645201	BTM	S	6	COIL_0603CS	CHIP COIL 56N J Q38/200MHZ 0603	56nH
L2104	3203771	Top	B	6	0603_BLM	FERR.BEAD 220R/100M 2A 0R05 0603	220R/100MHz
L2105	3203763	Top	B	8	0402L_XL	FERRITE BEAD 220R 0R45 0.3A 0402	220R/100MHz
L2106	3203763	Top	B	8	0402L_XL	FERRITE BEAD 220R 0R45 0.3A 0402	220R/100MHz
L2202	3203771	Top	E	4	0603_BLM	FERR.BEAD 220R/100M 2A 0R05 0603	220R/100MHz
L2203	3203755	Top	E	5	FERRITE_0402	FERRITE BEAD 0.6R 600R/ 100MHZ 0402	600R/100MHz
L2204	3203755	Top	D	5	FERRITE_0402	FERRITE BEAD 0.6R 600R/ 100MHZ 0402	600R/100MHz

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Item	Code	Side	Ref		Type	Description	Value
L2205	3203771	Top	C	6	0603_BLM	FERR.BEAD 220R/100M 2A 0R05 0603	220R/100MHz
L2206	3203755	Top	E	5	FERRITE_0402	FERRITE BEAD 0.6R 600R/ 100MHZ 0402	600R/100MHz
L2207	3203755	BTM	E	11	FERRITE_0402	FERRITE BEAD 0.6R 600R/ 100MHZ 0402	600R/100MHz
L2301	3203771	Top	B	8	0603_BLM	FERR.BEAD 220R/100M 2A 0R05 0603	220R/100MHz
L2302	3649011	Top	B	7	CHOKE_SER400	CHOKE 10U 0.8A 0R24 4X4X1.8	10uH
L2304	3640119	Top	D	10	CHOKE_984FB	CHOKE 22U M 1R4 0.33A 3.3X3.3X1.5	22uH
L4200	3649011	Top	D	7	CHOKE_SER400	CHOKE 10U 0.8A 0R24 4X4X1.8	10uH
L4201	3203771	Top	E	7	0603_BLM	FERR.BEAD 220R/100M 2A 0R05 0603	220R/100MHz
L4400	3203755	BTM	O	7	FERRITE_0402	FERRITE BEAD 0.6R 600R/ 100MHZ 0402	600R/100MHz
L4401	3203755	BTM	R	5	FERRITE_0402	FERRITE BEAD 0.6R 600R/ 100MHZ 0402	600R/100MHz
L5200	3203755	BTM	I	2	FERRITE_0402	FERRITE BEAD 0.6R 600R/ 100MHZ 0402	600R/100MHz
L6031	3646005	BTM	G	2	0402L	CHIP COIL 2N7 +-0N3 Q29/ 800M 0402	2n7H
L6032	3646005	BTM	G	2	0402L	CHIP COIL 2N7 +-0N3 Q29/ 800M 0402	2n7H
L6033	3646063	BTM	F	2	0402L	CHIP COIL 22N J Q28/800M 0402	22nH
L6034	3646063	BTM	F	2	0402L	CHIP COIL 22N J Q28/800M 0402	22nH
L7502	3646083	BTM	I	7	0402L	CHIP COIL 100N J Q16/300M 0402	100nH

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Item	Code	Side	Ref		Type	Description	Value
L7503	3203755	BTM	K	7	FERRITE_0402	FERRITE BEAD 0.6R 600R/ 100MHZ 0402	600R/100MHz
L7504	3646007	BTM	S	4	0402L	CHIP COIL 27N J Q27/800M 0402	27nH
L7505	3646065	BTM	S	4	0402L	CHIP COIL 12N J Q31/800M 0402	12nH
L7506	3646065	BTM	R	4	0402L	CHIP COIL 12N J Q31/800M 0402	12nH
L7510	3646053	BTM	J	6	0402L	CHIP COIL 4N7 +-0N3 Q28/ 800M 0402	4n7H
L7511	3646009	BTM	J	6	0402L	CHIP COIL 10N J Q30/800M 0402	10nH
L7512	3646053	BTM	J	6	0402L	CHIP COIL 4N7 +-0N3 Q28/ 800M 0402	4n7H
L7514	3646055	BTM	O	10	0402L	CHIP COIL 8N2 J Q28/800MHZ 0402	8n2H
L7515	3649011	BTM	P	9	CHOKE_ELL4LM110MAN	CHOKE 10U M 0.8A 0R2 4X4X1.8	10uH
L7516	3203755	BTM	P	4	FERRITE_0402	FERRITE BEAD 0.6R 600R/ 100MHZ 0402	600R/100MHz
L7517	3646043	BTM	J	7	0402L	CHIP COIL 1N5 +-0N3 Q33/ 800M 0402	1n5H
N1470	4346227	BTM	D	5	LLP6	REG 1.5V/150MA LP3990LDX LLP-6	~
N2200	4396177	Top	C	5	TFBGA_108_H1.2	RETU 3.02 TSA1GJWE TFBGA108	~
N2300	4376383	Top	D	8	TFBGA_84_6.15X6.15	TAHVO V4.1 LEADFREE TFBGA84 6X6	~
N2301	4349887	Top	D	10	USMD8_1.69X1.69	WHITE LED DRIVER 4LEDS 500MW 8BUMP USMD8	~

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Item	Code	Side	Ref		Type	Description	Value
N4200	4346047	Top	C	7	USMD_10_2.458X1.899	DC_DC CONV LM2708H-1.35V/1.05V	~
N6030	4376359	BTM	G	3	TFBGA84_H1.0	BC313143A11-RK-E4	~
N6031	4341561	BTM	G	3	USMD5_1.468X1.036	VREG 2.85/150MA LP3987-2.85 USMD5	~
N7500	4380039	BTM	M	6	TFBGA_84_6.15X6.15	RF ASIC HINKU310A TFBGA84	~
N7501	4380041	BTM	J	7	TFBGA64_H1.2	RF ASIC VINKU314A TFBGA64	~
N7502	4355653	BTM	Q	3	RITSA_PA_REL3	PW AMP RF9292E9.1 QUADBAND	~
N7503	4355677	BTM	O	10	RF9252E2.1	PW AMP RF9252E8.2 1920-1980MHZ	~
N7504	4346011	BTM	O	9	USMD10_2.534X2.026	DC CONV SUPA LM2706 PBFREE	~
R1470	1430726	Top	H	6	0402R	Resistor 5% 63mW	100R
R1471	1430726	Top	H	6	0402R	Resistor 5% 63mW	100R
R1472	1430764	Top	H	8	0402R	Resistor 5% 63mW	3k3
R1473	1430764	Top	H	8	0402R	Resistor 5% 63mW	3k3
R1474	1430714	Top	G	6	0402R	Resistor 5% 63mW	33R
R2000	1430734	BTM	D	5	0402R	Resistor 5% 63mW	220R
R2001	4129253	Top	B	5	uBGA11_2.15X1.65	ASIP MIC W/ESD RES+CAP+ZDI BGA11	~
R2002	1430700	BTM	B	4	0402R	Resistor 5% 63mW	10R
R2003	1430700	BTM	C	4	0402R	Resistor 5% 63mW	10R

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Item	Code	Side	Ref		Type	Description	Value
R2004	1430700	BTM	C	4	0402R	Resistor 5% 63mW	10R
R2005	1430700	BTM	C	4	0402R	Resistor 5% 63mW	10R
R2006	4129011	BTM	B	4	uBGA5	ASIP 4XESD **PB-FREE** BGA5	~
R2007	4129285	BTM	B	6	uBGA11_1.6X2.1	ASIP USB OTG / ESD	~
R2009	1430726	BTM	C	6	0402R	Resistor 5% 63mW	100R
R2010	1430812	BTM	C	6	0402R	Resistor 5% 63mW	220k
R2011	1430806	BTM	D	5	0402R	Resistor 5% 63mW	120k
R2012	1430804	BTM	D	5	0402R	Resistor 5% 63mW	100k
R2013	1430740	BTM	D	4	0402R	Resistor 5% 63mW	330R
R2014	1430830	BTM	D	4	0402R	Resistor 5% 63mW	1M0
R2070	1825133	BTM	B	8	0402_VAR	CHIP VARISTOR VWM14V VC50V 0402	14V/50V
R2071	1820039	Top	C	2	0402_NTH5	NTC RES 47K J B=4050+-3% 0402	47k
R2100	4129293	Top	B	5	uBGA8	ASIP EMIF01-SMIC01 R+C+Z/ ESD BGA8	~
R2101	1430734	Top	B	5	0402R	Resistor 5% 63mW	220R
R2102	1430690	Top	B	4	0402R	Chipres 0W06 jumper 0402	0R
R2103	1430690	Top	B	4	0402R	Chipres 0W06 jumper 0402	0R
R2104	1825133	Top	U	4	0402_VAR	CHIP VARISTOR VWM14V VC50V 0402	14V/50V
R2105	1825133	Top	U	4	0402_VAR	CHIP VARISTOR VWM14V VC50V 0402	14V/50V

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Item	Code	Side	Ref		Type	Description	Value
R2106	1825133	BTM	S	5	0402_VAR	CHIP VARISTOR VWM14V VC50V 0402	14V/50V
R2107	1825133	BTM	S	5	0402_VAR	CHIP VARISTOR VWM14V VC50V 0402	14V/50V
R2200	1430804	Top	C	4	0402R	Resistor 5% 63mW	100k
R2201	1430806	Top	D	4	0402R	Resistor 5% 63mW	120k
R2202	1825133	BTM	E	11	0402_VAR	CHIP VARISTOR VWM14V VC50V 0402	14V/50V
R2205	1430834	Top	C	4	0402R	Chipres 0W06 5% 0402	3M3
R2301	1430770	Top	C	10	0402R	Resistor 5% 63mW	4k7
R2302	1430778	Top	D	11	0402R	Resistor 5% 63mW	10k
R2303	1430754	Top	C	10	0402R	Resistor 5% 63mW	1k0
R2304	1430716	Top	C	10	0402R	Resistor 5% 63mW	39R
R2305	1430714	Top	E	8	0402R	Resistor 5% 63mW	33R
R2700	4129071	BTM	E	11	uBGA8	ASIP EMIF03-SIM01F2 **PB-FREE**	~
R3000	1430770	Top	H	3	0402R	Resistor 5% 63mW	4k7
R4400	1430820	Top	B	4	0402R	Resistor 5% 63mW	470k
R4401	1430804	Top	C	4	0402R	Resistor 5% 63mW	100k
R4402	1430820	Top	B	4	0402R	Resistor 5% 63mW	470k
R4403	1820039	Top	U	4	0402_NTH5	NTC RES 47K J B=4050+-3% 0402	47k
R4404	1825133	BTM	Q	10	0402_VAR	CHIP VARISTOR VWM14V VC50V 0402	14V/50V

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Item	Code	Side	Ref		Type	Description	Value
R4405	1825133	BTM	Q	10	0402_VAR	CHIP VARISTOR VWM14V VC50V 0402	14V/50V
R4406	1825133	BTM	Q	2	0402_VAR	CHIP VARISTOR VWM14V VC50V 0402	14V/50V
R4408	1825025	Top	E	1	0603_VAR	CHIP VARISTOR VWM19V VC27V 0603	19V/27V
R4409	1825025	Top	F	1	0603_VAR	CHIP VARISTOR VWM19V VC27V 0603	19V/27V
R4800	1430700	Top	F	9	0402R	Resistor 5% 63mW	10R
R4809	1430754	Top	E	6	0402R	Resistor 5% 63mW	1k0
R5100	1430778	Top	H	6	0402R	Resistor 5% 63mW	10k
R5200	4129101	BTM	H	2	uBGA11_1.62X2.12	ASIP EMIF04-MMC02F2**PB-FREE**	~
R5204	1825133	BTM	O	3	0402_VAR	CHIP VARISTOR VWM14V VC50V 0402	14V/50V
R6030	1430778	BTM	G	3	0402R	Resistor 5% 63mW	10k
R6034	1430691	BTM	F	2	0402R	CHIPRES 0W06 2R2 J 0402	2R2
R7501	1430754	BTM	K	6	0402R	Resistor 5% 63mW	1k0
R7503	1430770	BTM	I	6	0402R	Resistor 5% 63mW	4k7
R7504	1430911	BTM	M	7	0402R	CHIPRES 0W06 10K F 0402	10k
R7505	1430931	BTM	L	6	0402R	CHIPRES 0W06 8K2 F 0402	8k2
R7506	1430714	BTM	Q	4	0402R	Resistor 5% 63mW	33R
R7509	1430788	BTM	K	7	0402R	Resistor 5% 63mW	22k

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Item	Code	Side	Ref		Type	Description	Value
R7512	1620505	BTM	P	4	0404_RAC10	RES NETWORK 0W04 2DB ATT 0404	436R/11R6/436R
R7514	1430780	BTM	K	6	0402R	Resistor 5% 63mW	12k
R7516	1430754	BTM	R	3	0402R	Resistor 5% 63mW	1k0
R7518	1430820	BTM	Q	2	0402R	Resistor 5% 63mW	470k
R7519	1430754	BTM	J	7	0402R	Resistor 5% 63mW	1k0
R7520	1430738	BTM	J	6	0402R	Resistor 5% 63mW	270R
R7521	1430911	BTM	J	6	0402R	CHIPRES 0W06 10K F 0402	10k
R7522	1430812	BTM	N	8	0402R	Resistor 5% 63mW	220k
R7523	1430919	BTM	I	7	0402R	CHIPRES 0W06 9K1 F 100PPM 0402	9k1
R7525	1430700	BTM	N	9	0402R	Resistor 5% 63mW	10R
R7526	1430772	BTM	O	9	0402R	Resistor 5% 63mW	5k6
R7527	1430734	BTM	O	9	0402R	Resistor 5% 63mW	220R
R7528	1430820	BTM	J	7	0402R	Resistor 5% 63mW	470k
R7529	1430762	BTM	O	9	0402R	Resistor 5% 63mW	2k2
R7530	1430776	BTM	N	9	0402R	Resistor 5% 63mW	8k2
R7531	1430776	BTM	N	9	0402R	Resistor 5% 63mW	8k2
R7533	1430690	BTM	L	6	0402R	Chipres 0W06 jumper 0402	0R
R7534	1430820	BTM	R	2	0402R	Resistor 5% 63mW	470k
S4400	5409235	BTM	R	11	SWITCH_SKRE_II	SM TACT SW TRAV 0.2 4.1X3.55X1.75	~

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Item	Code	Side	Ref		Type	Description	Value
S4401	5409235	BTM	R	2	SWITCH_SKRE_II	SM TACT SW TRAV 0.2 4.1X3.55X1.75	~
S5200	5209963	BTM	O	2	SWITCH_SPVN220100	SM SW DETECTOR SPST-NO 5V 1MA	~
T7500	4580031	BTM	N	6	TRANS_LDB15	TRANSF BALUN 2134+-30MHZ 0805	~
T7501	4580029	BTM	L	6	TRANS_LDB15	TRANSF BALUN 3800+-550MHZ 0805	~
T7502	4550223	BTM	P	3	TRANS_LDB15	TRANSF BALUN 1800+-100mhz 2x1.25	~
T7503	4580029	BTM	M	9	TRANS_LDB15	TRANSF BALUN 3800+-550MHZ 0805	~
V2000	4113721	BTM	B	8	CASE_457	TVS DI 1PMT16AT3 16V 175W PWRMITE	~
V2001	4211251	BTM	D	4	SC_75A	MFET 2SK3019 N 30V 0.1A 7R SC-75A	~
V2300	4219921	Top	D	8	EM3	TR DTC143ZE N RBE4K7/47K 0A1 SC75	~
V4400	4865445	Top	U	4	PT202MR0MP	DI PHOTO PT202MR0MP 620NM 1.25X2	~
V7500	4111111	BTM	O	9	SOT_563	SCHDIX2 RB851Y 10V IF=10MA SOT666	~
X1470	5409297	BTM	P	6	SOCKET_DMD10413	CAMERA MOD.SOCKET 2X7POL SPR P1.4	~
X2001	5460061	BTM	A	6	SYSCON_MQ202_NK_14R3	SM SYSTEM CONNECTOR 14POL	~
X2060	5409309	Top	N	11	TRACEABILITY_PAD	MODULE ID COMPONENT 2.8X1.8X0.3	~

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Item	Code	Side	Ref		Type	Description	Value
X2070	5409255	BTM	C	8	LYNX_BATT_CONN	SM LYNX BATT.CONN 3POL 12V 2A H7	~
X2100	9511326	BTM	T	9	GND_SPRING_DMD12054	GROUNDING SPRING DMD12054 RM-1	~
X2700	5469283	BTM	F	8	SIM_READER_M_SK_200300331	SM SIM CONN 2X3POL P2.54 H2.6	~
X4400	5469983	Top	F	2	SMK_4309_B_B_16P_V8	SM CONN 16P SPR P1.3 50V PWB/PWB	~
X4401	5469219	Top	T	3	JST_R_JAVK_G_1_R3	SM CONN 2X12F P0.4 30V 0.3A PCB/PCB	~
X4402	6442467	Top	R	9	FORK_SPRING_040_000443_RM_1	FORK SPRING 040-000443 RM-1	~
X4403	6442467	Top	J	9	FORK_SPRING_040_000443_RM_1	FORK SPRING 040-000443 RM-1	~
X4404	6442467	Top	R	4	FORK_SPRING_040_000443_RM_1	FORK SPRING 040-000443 RM-1	~
X4405	6442467	Top	J	4	FORK_SPRING_040_000443_RM_1	FORK SPRING 040-000443 RM-1	~
X5200	5469301	BTM	L	3	MOLEX_MMC_P03_3D0545_001	CONN SMC RS-MMC 6POL P2.5	~
Z2000	3203755	BTM	B	7	FERRITE_0402	FERRITE BEAD 0.6R 600R/100MHZ 0402	600R/100MHz
Z2001	3203755	BTM	B	7	FERRITE_0402	FERRITE BEAD 0.6R 600R/100MHZ 0402	600R/100MHz
Z2003	3203755	BTM	B	7	FERRITE_0402	FERRITE BEAD 0.6R 600R/100MHZ 0402	600R/100MHz
Z4400	4129035	Top	H	3	uBGA25_2.69X2.69	ASIP 10-CH ESD EMI FILTER BGA25	~

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Item	Code	Side	Ref		Type	Description	Value
Z4401	4129061	Top	G	1	FC6_1.65X1.15	ASIP 2-CH MIC EMI/ESD **PB-FREE**	~
Z4402	4129035	Top	H	9	uBGA25_2.69X2.69	ASIP 10-CH ESD EMI FILTER BGA25	~
Z4403	4129035	Top	H	10	uBGA25_2.69X2.69	ASIP 10-CH ESD EMI FILTER BGA25	~
Z6030	4551041	BTM	F	1	EZFVQ42NM61S	LTCC FILT 2441.75 +-41.75MHZ 2.5X2	2441.75MHz
Z7500	3203775	BTM	P	4	FERRITE_FBMJ1608	FERRITE BEAD 0R01 28R/100MHZ 0603	28R/100MHz
Z7501	4511471	BTM	N	6	FILTER_SAW_2.1X1.7_H0.8	SAW FILTER 2140+-30MHZ 2.0X1.6X1.0	2140MHz
Z7502	4512227	BTM	Q	9	DFYK61G95LBJCB	DUPL 1920-1980/2110-2170MHZ 9X4.3	1920-1980/2110-2170MHz
Z7503	4510495	BTM	S	3	ANT_SW_M043B	ANT.SW+3SAW 880-960/1710-1990MHZ	~
Z7504	4511469	BTM	P	3	FILTER_SAW_2.1X1.7_H0.8	SAW FILTER 897.5 +-17.5MHZ 2.0X1.6	897.5MHz
Z7505	4550315	BTM	P	10	ISOLATOR_CEZ0047	ISOLATOR 1950 +-30MHZ 13DB 3.3X3.4X1.6	~
Z7506	4511473	BTM	J	6	FILTER_SAW_2.1X1.7_H0.8	SAW FILTER 1950+-30MHZ 2.0X1.6X1.0	1950MHz

Component layouts

RM-1 component layout - top

For component layouts with a component finder chart, refer to section Component finder (Page 10–14) in Schematics.

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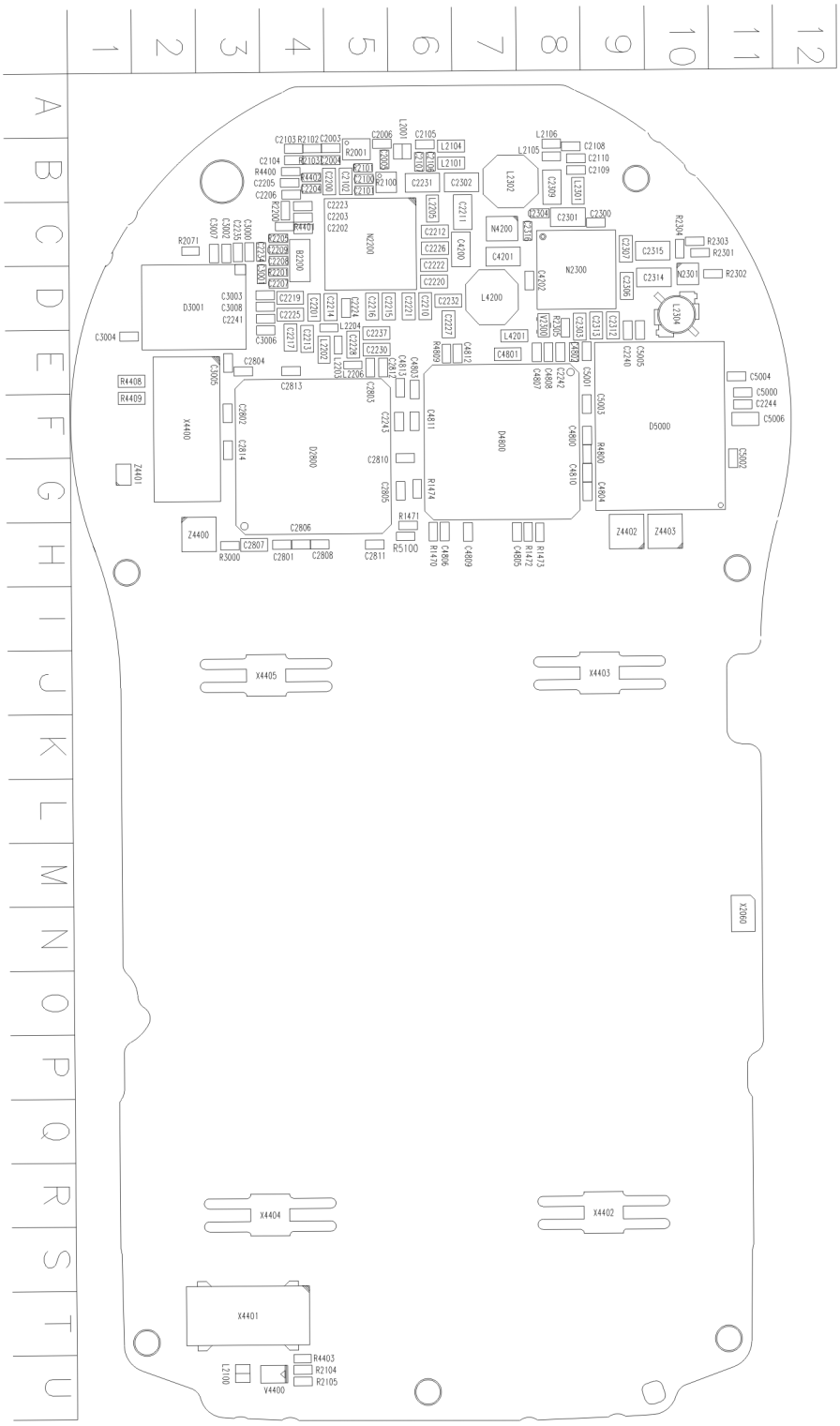

RM-1 component layout - bottom

For component layouts with a component finder chart, refer to section Component finder (Page 10–14) in Schematics.

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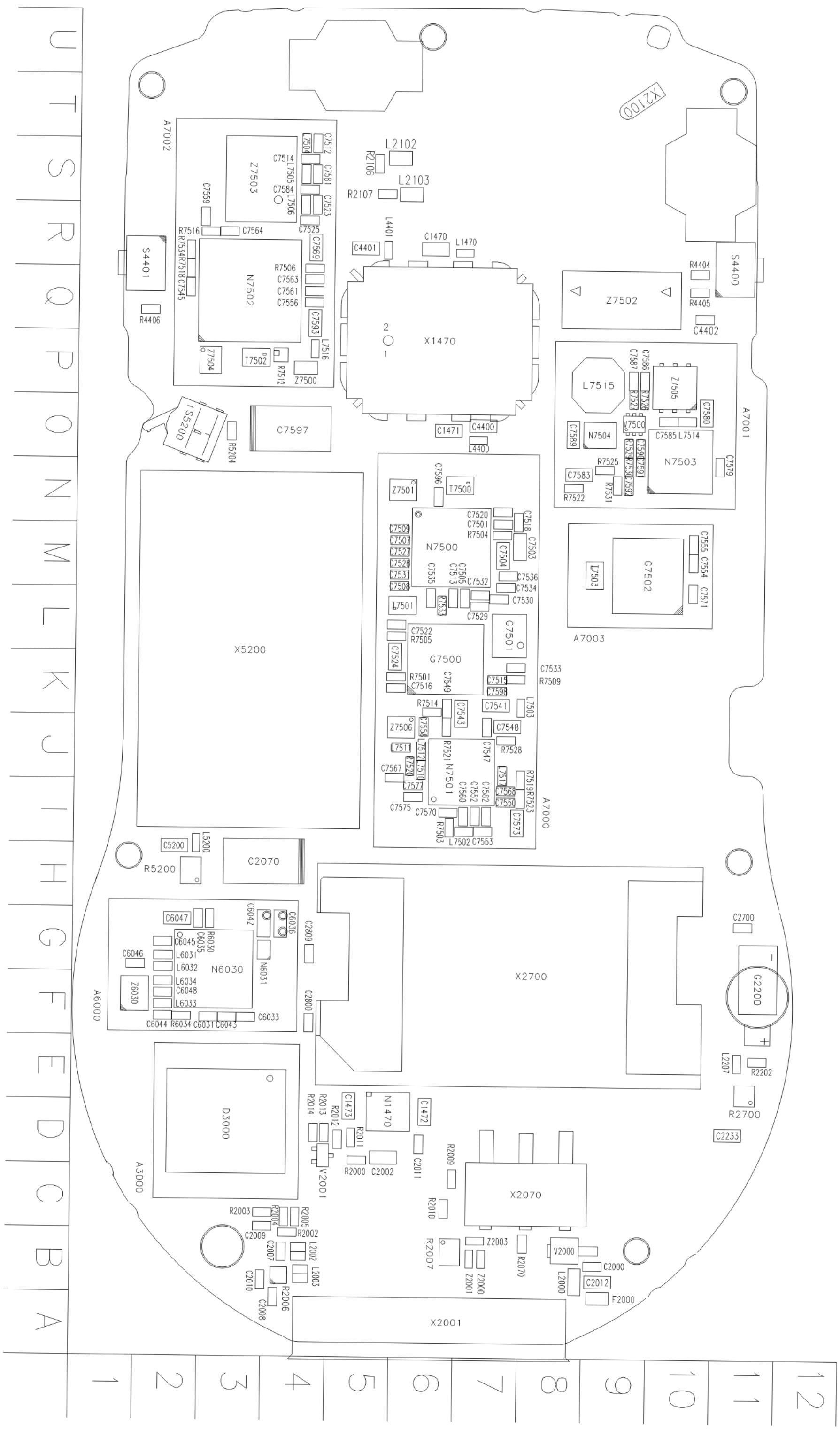
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